Index of Claims

Application/	Control	No.

10/781,115

Examiner

Anthony Weier

Applicant(s)/Patent under Reexamination

CRANDALL ET AL.

Art Unit

1761

√	Rejected
=	Allowed

-	(Through numeral) Cancelled
<u>.</u>	Restricted

N	Non-Elected
_	Interference

A	Appeal
0	Objected

Claim			ш		-			,			1				_				,	_
1 1 51 52 3 4 4 54 55 6 6 55 55 56 57 58 8 8 58 59 59 59 60 60 60 61 62 63 41 <td>Cla</td> <td>im</td> <td></td> <td></td> <td></td> <td></td> <td>Dat</td> <td>e</td> <td></td> <td></td> <td></td> <td></td> <td>Cla</td> <td>im</td> <td></td> <td></td> <td></td> <td>(</td> <td>Dat</td> <td>e</td>	Cla	im					Dat	e					Cla	im				(Dat	e
2 3 52 53 4 4 54 55 6 55 55 56 7 7 57 8 9 59 59 60 10 61 61 62 3 13 63 64 4 14 64 65 5 15 66 66 6 16 67 68 19 69 69 70 20 70 70 70 70 9 21 71 71 71 10 22 72 71 71 10 22 72 71 71 11 23 73 73 72 11 24 74 73 72 11 26 76 77 77 76 16 28 75 78 77 77 77 76 77 77 77 77 77 77	Final	Original	3/16/06										Final	Original						
3 4 53 54 55 55 55 56 55 55 56 57 8 56 57 8 58 59 59 59 59 60 60 61 11 61 62 53 63 44 44 4 44 99 99 99 99 99 99 99 99 </td <td></td>																				
4 5 5 55 55 55 56 55 56 57 58 59 59 59 59 59 60 60 60 61 11 11 11 12 12 22 22 23 13 23 63 34 44 44 44 44 45 64 65 65 66 66 67 67 68 68 68 68 69 69 92 70 92 12 24		2												52						Γ
5 6 7 55 8 56 9 55 10 60 1 11 = 62 62 3 13 = 62 63 4 14 = 62 63 6 16 = 7 66 7 17 = 66 66 8 18 = 62 63 19 60 20 70 9 21 = 7 71 10 22 = 7 71 11 23 = 7 73 12 24 = 7 74 13 25 = 7 76 15 27 = 7 76 16 28 = 7 76 17 29 = 7 79 18 30 = 7 80 19 31 = 8 80 20 32 = 8 83 21 33 = 8 86 37 88 38 88 39 90 41 90 42 92 43 94 44 94								L		L.,				53						L
6 7 7 8 8 57 8 58 9 60 1 61 2 12 3 13 4 14 5 15 6 66 7 17 8 18 9 21 10 22 11 23 12 24 13 25 14 26 15 27 16 28 17 29 18 30 18 30 19 76 15 27 16 28 17 29 18 30 19 31 20 77 70 79 18 30 19 31 20 72 11 22 21 33																				L
7 8 9 60 10 60 111 61 212 62 313 63 414 64 515 65 616 66 717 66 818 68 19 69 20 70 921 71 1022 72 11 73 12 24 13 75 14 26 15 76 15 76 16 28 17 79 18 30 19 31 20 70 9 21 70 72 71 71 10 22 11 73 12 24 77 77 16 28 79 8 18 30 19 80				L	_						Ш						<u> </u>	<u> </u>	L	L
8 9 10 60 1 11 61 2 12 62 3 13 63 4 14 64 5 15 66 6 16 66 7 17 66 8 18 68 19 69 20 70 9 21 71 10 22 77 11 23 73 12 24 74 13 25 75 14 26 76 15 27 77 16 28 78 17 29 79 18 30 80 19 31 80 19 31 80 19 31 80 19 31 80 19 31 80 19 31 80 19 31 90 10 22 90 10 22 90 11 29 90 12 33 90 13 4 90 14 6 90 15 79			L	L		<u> </u>	<u> </u>	乚	_							<u>_</u>	<u> </u>			L
9			_	_							Ш				_			_		L
10				L		_	_	_	<u> </u>							_		<u> </u>		L
1 11 = 61 62 3 13 = 63 64 4 14 = 64 5 15 = 65 66 67 8 18 = 66 66 67 8 18 = 68 69 9 70 9 21 = 70 70 9 21 = 71 10 22 = 72 71 11 23 = 72 11 23 = 72 71 71 71 71 71 71 71 71 71 71 71 71 72 71 72 72 73 74 73 74 74 73 74 74 73 74 74 73 74 74 73 74 74 74 73 74 74 73 74 74 74 77 76 77 76 77 76 77 78 77 78 77 78 78 79 80 80 81 8							_	ļ	_		_				L.	ļ				L
2 12 = 3 13 = 4 14 = 5 15 = 6 16 = 7 17 = 8 18 = 19 68 20 9 21 10 22 = 11 23 = 12 24 = 13 25 = 14 26 = 15 27 = 16 28 = 17 29 = 18 30 = 18 30 = 18 30 = 18 30 = 18 30 = 19 31 = 20 32 = 21 33 = 36 36 86 37 87 38 88 39 90 4	<u> </u>		_				_		-							_		_		Ļ
3 13 = 63 64 64 65 66 66 67 66 67 66 67 68 68 68 68 68 69 70 71 10 22 2 71 71 10 22 2 71 71 11 23 2 72 11 23 2 72 71 11 23 2 73 74 13 25 2 75 75 14 26 2 76 15 77 76 15 78 77 76 18 30 2 79 79 18 30 80 19 31 81 81			_	_	_	_	<u> </u>		_	\vdash	\vdash				_	_	_	<u> </u>	L	╀
4 14 = 64 65 66 65 66 66 67 68 66 67 68 68 68 68 68 68 69 70 71 71 71 71 71 71 72 71 71 72 71 71 72 74 73 74 74 75 75 75 75 76 75 76 77 76 76 77 76 80 80 80 80 80 80 80 80 80 8			-	\vdash			<u> </u>	H	┢	-	<u> </u>				⊢		-	<u> </u>	-	Ļ
5 15 = 66 66 66 67 8 18 = 68 69 68 69 70 71 71 71 71 71 71 71 71 71 72 71 71 73 74 78 77 76 88 88 80 80 80 80 80 80 80 80 81 82 22 22 82<			⊢-	-			-	┝	├		\vdash				⊢	┝	<u> </u>	⊢	├	┞
6 16 = 66 67 7 17 = 68 69 20 9 21 = 70 9 9 21 = 71 71 71 71 71 71 71 71 71 71 71 71 71 71 71 71 72 73 72 73 74 73 74 73 74 73 74 73 74 73 74 73 74 73 74 73 74 74 73 74 73 74 73 74 73 74 74 74 74 74 74 74 73 74 74 74 74 74 74 74 75 75 75 76 75 76 77 76 77 76 77 76 77 78 77 78 77 79 78 77 79 78 79 79 78 80 80 80 81 82 22 <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td>⊢</td> <td>-</td> <td></td> <td>\vdash</td> <td></td> <td></td> <td>65</td> <td></td> <td>-</td> <td></td> <td><u> </u></td> <td></td> <td>ł</td>				-			-	⊢	-		\vdash			65		-		<u> </u>		ł
7 17 = 67 68 68 68 69 70 9 20 70 9 71 10 22 72 71 11 22 72 71 72 71 72 73 72 73 73 73 74 74 74 74 74 74 74 74 75 74 75 75 76 77 76 77 76 77 76 77 77 78 79 78 79 78 79 79 78 80 80 81 80 81 82 22 21 33 82 82 22 22 83 83 84 83 84 83 84 84 84 84 84 86 86 86 86 86 86 87 87 88 89 90<				-			├		┝	├	\vdash					┢	⊢	⊢	-	H
8 18 = 68 69 19 20 70 71 70 70 70 71 71 70 71 71 70 70 71 71 70 70 70 70 70 70 70 70 70 70 71 71 71 71 71 71 72 71 72 73 73 73 73 73 73 74 73 74 74 74 73 74 74 74 74 74 74 74 74 74 74 73 74 77 76 18 80 80 80 80 80 81 81 82 22 22 22 82 82 22 22 83 83			_				-	┢		-			-			-		┢		H
19 69 20 70 9 21 = 10 22 = 11 23 = 12 24 = 13 25 = 14 26 = 15 27 = 16 28 = 17 29 = 18 30 = 19 31 = 20 32 = 21 33 = 34 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 45 96 46 96 47 97 48 99			-	1		\vdash	\vdash	┪	\vdash	┢					╁	┝┈	-	-	-	H
20 70 9 21 10 22 11 23 12 24 13 25 14 26 15 27 16 28 17 29 18 30 19 31 20 32 21 33 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 45 96 46 96 47 97 48 99	1		 			-		┢	-	-	-				┢──	 		├	-	t
9 21 = 71 72 72 73 73 73 73 74 74 74 74 74 74 74 74 74 74 75 75 75 76 76 76 77 76 77 77 76 77 77 78 79 78 79 80 80 80 80 81 82 22 22 82 22 82 82 22 82 82 82 82 83 83 84 84 84 84 84 84 86 86 86 86 86 86 86 87 87 88 88 88 89 89 89 89 89 89 89 8	_		 			-	\vdash	├	├	\vdash				70		-	-	\vdash		t
10 22 = 72 73 11 23 = 74 74 74 13 25 = 75 75 76 77 77 76 77 77 77 78 79 78 79 80 80 80 81 82 22 21 33 81 82 22 22 82 82 22 82 82 22 83 83 84 84 84 84 84 84 85 86 86 86 86 86 86 87 88 88 88 88 89	9		=	\vdash			\vdash		\vdash	H	H		-		\vdash	-	-	\vdash	_	t
11 23 = 73 74 74 74 74 74 75 75 75 75 75 76 76 77 77 77 77 77 77 77 77 78 79 78 79 78 79 79 78 79 82 79			-						\vdash									\vdash		t
12 24 = 74 75 13 25 = 76 76 14 26 = 77 77 77 16 28 = 78 79 78 79 79 78 79 82 79			=						t		П			73						T
13 25 = 75 76 14 26 = 76 77 77 77 77 77 78 79 78 79			=																\vdash	T
14 26 = 76 77 15 27 = 77 77 77 16 28 = 78 79 70			=				<u> </u>	Г	<u> </u>						П					T
16 28 = 78 79 17 29 = 80 80 19 31 = 82 82 20 32 = 83 84 21 33 = 85 85 36 86 86 87 88 39 88 89 90 90 90 90 90 90 90 91 91 92 93 94 94 94 94 94 94 94 94 94 94 96 96 97 98 98 98 98 99 90 90 90 90 90 90 <t< td=""><td></td><td>26</td><td>=</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>76</td><td></td><td></td><td></td><td></td><td></td><td>Γ</td></t<>		26	=											76						Γ
17 29 = 79 18 30 = 80 19 31 = 82 20 32 = 82 21 33 = 83 34 84 84 35 85 86 37 87 87 38 88 89 40 90 90 41 91 91 42 92 93 43 94 94 45 95 96 47 97 98 48 98 99			=											77						
18 30 = 80 19 31 = 81 20 32 = 82 21 33 = 83 34 84 84 35 85 86 37 87 88 39 88 89 40 90 90 41 91 91 42 92 93 43 93 94 44 94 95 46 96 96 47 97 98 48 98 99			=															L		
19 31 = 20 32 = 21 33 = 34 84 35 85 36 86 37 87 38 88 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			=																	
20 32 = 82 21 33 = 83 34 84 84 35 85 86 37 87 87 38 88 89 40 90 90 41 91 91 42 92 93 43 93 94 44 94 95 46 96 97 48 98 99			=						<u> </u>								L		_	L
21 33 = 83 34 84 85 35 85 86 37 87 88 38 88 89 40 90 91 41 91 92 43 93 93 44 94 94 45 95 96 47 97 98 48 98 99		31	-					$ldsymbol{ldsymbol{ldsymbol{eta}}}$	<u> </u>	L	_				L	<u> </u>	<u> </u>	_	_	L
34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			├—						╙	_			_				<u> </u>			L
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	21		=	<u> </u>	<u> </u>		<u> </u>	 	┡	ļ	_					_	_	_	_	L
36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>	<u> </u>	<u> </u>	<u> </u>	-		<u> </u>	<u> </u>					-		├-	_	<u> </u>	H
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99								├			-					 			\vdash	┞
38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		37	├-					⊢	┝	├	-			87	├	┝		├	├	┝
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			-	-		-	 	-	┢╾	-	-				-		┢╾	H	\vdash	╁
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			\vdash	-		-	 	-	 		Н				-	\vdash	├-	\vdash	\vdash	H
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	\vdash		\vdash		-	<u> </u>	 	 	\vdash	\vdash	H				-	\vdash	-	\vdash	\vdash	H
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>						\vdash	 	\vdash					_		 	-	H
43 93 44 94 45 95 46 96 47 97 48 98 49 99								_	Г		П								-	r
44 94 45 95 46 96 47 97 48 98 49 99		43	Π				Г	<u> </u>	Г	l					l -			Γ		T
45		44												94						Γ
47		45												95				L		Γ
48 98 99 99 99 99 99 99 99 99 99 99 99 99																				Ĺ
49 99 99									Ĺ								L			Ĺ
							Ĺ	L	L	$oxedsymbol{oxedsymbol{oxed}}$										Ĺ
50							L	_	<u> </u>	L	\sqcup				_					Ĺ
		50	L								لـــا			100			L	L		L

		_								
Cla	ım	<u> </u>			(Date	9		1	
Final	Original									
	51			┢	_					
	51 52		-	T	\vdash	-	-	-		
—	53	_	\vdash	T	H	\vdash		_	_	
	54	 	_				\vdash	┢		
 	54 55	_	_	1	Г		\vdash	┢	┢	┢
	56		\vdash	T		\vdash		_	_	\vdash
	57		\vdash	_	_					
	58	1			_					
	59	T						Г		
	60	<u> </u>								
	61									
	62									
	63									
	64									
	65									
	66	L.								
L	67		<u>L</u> .	L	L					_
	68				<u></u>	L.				<u> </u>
	69		L	L	<u> </u>					
	70	_			_					
	71 72									_
	72									
	73	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	_		_	
<u> </u>	74 75	<u> </u>	<u> </u>	<u> </u>	<u></u>			<u> </u>	<u> </u>	<u> </u>
-	76		 	⊢	_		H	_		
	77	┝		-	_	_	_		┝	
-	78	-		-	\vdash	\vdash	\vdash	\vdash	\vdash	
\vdash	79				├─	-	├─		-	-
	80		┝	\vdash	-	├─	├─	-	_	\vdash
\vdash	81			\vdash		├		┝	┢	
	82	\vdash	-	┢			\vdash	├	\vdash	_
	83	l			-	-		\vdash	\vdash	
	84			T	\vdash		\vdash		\vdash	<u> </u>
	85			Т		<u> </u>				
	86	_	\vdash					<u> </u>	-	_
	87			1			\vdash	_		
	88			T						\vdash
	89								$\overline{}$	
	90									
	91									
	92									
	93									
	94			L						
<u></u>	95	L	L_							
<u> </u>	96	<u> </u>	_	<u> </u>		L.		_	_	_
<u></u>	97		_	L_	<u> </u>		_	_		
<u> </u>	98	Ш	L		ļ	_			_	_
	99	_	L	_	Щ.	<u> </u>	L	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	L	-
1	100									l

Cla	aim	Date ·									
					Г		Ĭ		Γ_		
-	Original		ĺ								
Final	iĝi		l								
ш.	Õ				l						
	101	_	_	-	⊢	<u> </u>		-	┢	\vdash	
	102	\vdash	-	 		-	-	-	-	\vdash	
	103	-	_	-	-	-			-	H	
	104	-	├─		-				-	Н	
	105	-	\vdash	┝	├			_	┝	Н	
	106	_	\vdash	├	-	\vdash	_	\vdash	\vdash	Н	
	107	-	├	-	⊢		_	⊢	┝	Н	
	108	 			-	-	-	\vdash	├─	\vdash	
	100	_		├	\vdash	-		\vdash	\vdash	\vdash	
	109 110		-	-	-			<u> </u>		H	
	111				┢	-		-	-	Н	
	112	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	-	\vdash	\vdash	
	112	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	-	\vdash	Н	
	112 113 114	-	-	-	-	\vdash	 		\vdash	\vdash	
-	115	\vdash		\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	
	116	\vdash		_	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	
	117	\vdash	-	-	\vdash	 	├	-		\vdash	
	117 118	\vdash		\vdash	\vdash		\vdash	\vdash	\vdash	$\vdash \vdash$	
	119	\vdash	├	 	-	\vdash	\vdash		-	$\vdash\vdash$	
	120	\vdash	_	-		\vdash	\vdash	\vdash	\vdash	$\vdash\vdash$	
<u> </u>	120 121	\vdash	 	├—	 		├	├	├-	$\vdash\vdash$	
	122	⊢				-	H	_	⊢	Н	
	122				<u> </u>	 -	 		 	-	
	123 124 125				_	_	<u> </u>	_	┝	Н	
	124	<u> </u>		_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	Н	
	125	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>		<u> </u>	\vdash	
	126 127	<u> </u>	_	_	<u> </u>	\vdash					
	127	<u> </u>	<u> </u>			_				-	
	128			_					_	Щ	
	129 130	<u> </u>	_	<u> </u>	<u> </u>	_	_	<u> </u>	-	Н	
	130	_	_	_					_	Щ	
	131 132	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		$\vdash \vdash$	
	132	<u> </u>		<u> </u>	<u> </u>	\vdash					
	133	 	ļ	<u> </u>	ļ	<u> </u>	<u> </u>	L.	ļ	Ш	
	134	<u> </u>	\vdash	<u> </u>	_	H	_	<u> </u>		Ш	
	135	<u> </u>		L	_	Щ					
	136				<u> </u>	ļ	<u> </u>			Щ	
	137 138	.	<u> </u>	_			<u> </u>		L	Ш	
	138		<u> </u>	<u> </u>	L_		_		L_	Щ	
	139	L	_	<u> </u>	<u> </u>	\vdash	<u> </u>		L.	Щ	
	140		_		<u> </u>	_		L	<u> </u>	Щ	
	141	<u> </u>	_		<u> </u>		<u> </u>	<u> </u>	<u> </u>	Щ	
	142	<u> </u>	<u> </u>		L-	<u> </u>	<u> </u>	L_	Ь_	Щ	
	143	L	_	\vdash		$oxed{oxed}$	_	Щ.	Щ.	Ш	
	144			\Box	<u> </u>			<u> </u>	<u> </u>	\sqcup	
	145	L_	L	L_	<u> </u>	<u> </u>	L_	L_	L_	Ш	
	146				L_	<u> </u>	<u> </u>	<u> </u>	L	Ш	
	147	L_	Ш					Ш	L	Ш	
	148	Щ.	Ш	_	L		<u> </u>			Ш	
	149			L.	<u> </u>		<u> </u>			Ш	
لـــــا	150									Ш	